

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **06253846 A**

(43) Date of publication of application: **13.09.1994**

(51) Int. Cl **C12N 15/11**

C07H 21/00, C12N 15/10, C12Q 1/68, G01N 33/569

(21) Application number: **05069371**

(22) Date of filing: **04.03.1993**

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(54) **POLYNUCLEOTIDE FOR DETECTING BACILLUS ANTHRACIS AND METHOD FOR DETECTING BACILLUS ANTHRACIS USING THE SAME**

(57) Abstract:

PURPOSE: To obtain a new polynucleotide having high specificity as a DNA probe for detecting Bacillus anthracis.

CONSTITUTION: This polynucleotide is complemen-

tary to a nucleotide sequence capable of coding a capA gene of a plasmid of Bacillus anthracis and has a sequence group expressed by the formula or a complementary sequence corresponding thereto. The polynucleotide is obtained by chemical synthesis.

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AGGCTTTAAAGCAAGCTGATCTTGACTATGTTGGTGGTGGTGAATTTCAAGATGTAAAGAT  
ATTGTGTATCAAAATGTAAATGTGTTACGGTTGGTACTCTTGGATTTACAGATGCAATGTGA  
GCAAGAGCTATTGCAAGCAAGCAAGCAAGCTTCTTTAAGTATGAAAGCAATGTACTT  
AAGCAAGTTAGTAAAGCAAGCAAGCTT
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